


12/19/01
JC965 U.S. PTO

2-26-01

A

Please type a plus sign (+) inside this box 
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1426/3/2
First Inventor	Shawn Jay Cunningham
Title	See 1 in Addendum
Express Mail Label No.	ET 504 580 321 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☐ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages **32**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **13**]
- Oath or Declaration [Total Pages **2**]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement of Attorney (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information:

Examiner _____

Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

25297

or ☐ Correspondence address below

(Insert Customer No. or Attach bar label here)

Name

Address

City

Country

State

Zip Code

Telephone

Fax

Name (Print/Type)

Jeffrey L. Wilson

Registration No. (Attorney/Agent)

36,058

Signature

Jeffrey L. Wilson

Date

December 19, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JENKINS & WILSON, P.A.

PATENT ATTORNEYS

SUITE 1400 UNIVERSITY TOWER
3100 TOWER BOULEVARD
DURHAM, NORTH CAROLINA 27707

TELEPHONE (919) 493-8000
FACSIMILE (919) 419-0383

WEBSITE
JENKINSANDWILSON.COM

RICHARD E. JENKINS
JEFFREY L. WILSON
ARLES A. TAYLOR, JR.

DAVID P. GLOEKLER
GREGORY A. HUNT
JOHN A. LAMERDIN, Ph.D.
E. ERIC MILLS

JULIE A. BROADUS, Ph.D. (PATENT AGENT)

OF COUNSEL:
JENNIFER L. SKORD

RALEIGH OFFICE

NCSU CENTENNIAL CAMPUS
VENTURE II SUITE 400
920 MAIN CAMPUS DRIVE
RALEIGH, NORTH CAROLINA 27606

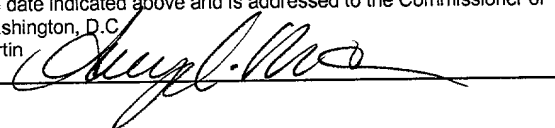
TELEPHONE (919) 424-3710
FACSIMILE (919) 424-3711

December 19, 2001

"Express Mail" mailing number.: ET 504 580 321 US

Date of Deposit 19 December 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patent, Washington, D.C.
Amy J. Martin



Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Re: U.S. Patent Application for MEMS DEVICE HAVING
AN ACTUATOR WITH CURVED ELECTRODES
Our File No. 1426/3/2

Sir:

Please find enclosed the following:

1. A U.S. patent application for MEMS DEVICE HAVING AN ACTUATOR WITH CURVED ELECTRODES (32 pages);
2. Utility Patent Application Transmittal Form (Form PTO/SB/05, 2 pages);
3. Thirteen (13) sheets of formal drawings;
4. A Transmittal of Formal Drawings;
5. Copy of unexecuted Declaration (2 pages);
6. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark Office date stamp thereon; and
7. A Certificate of Express Mail No.: ET 504 580 321 US.

Commissioner for Patents
December 19, 2001
Page 2

Please contact our offices if there are any questions.

Respectfully submitted,

JENKINS & WILSON, P.A.



Jeffrey L. Wilson
Registration No. 36,058
Customer No. Bar Code Label:



25297

PATENT TRADEMARK OFFICE

1426/3/2 JLW/BJO/pes

Enclosures

1426/3/2 JLW/BJO/pes

"Express Mail" mailing number.: ET 504 580 321 US
Date of Deposit 19 December 2001
I hereby certify that this paper or fee is being deposited
with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 C.F.R. 1.10 on the
date indicated above and is addressed to the Commissioner
of Patent, Washington, D.C.

Arby J. Martin
Arby J. Martin

TRADEMARK

U.S. PRO
10/025974
12/19/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Cunningham et al.

Group Art Unit: Not Yet Assigned

Serial No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filing Date: December 19, 2001

Docket No.: 1426/3/2

Confirmation No.: Not Yet Assigned

For: MEMS DEVICE HAVING AN ACTUATOR WITH CURVED ELECTRODES

Commissioner for Patents
Washington, D. C. 20231
Attention: Official Draftsman

TRANSMITTAL OF FORMAL DRAWINGS

Dear Sir:

Please find enclosed a new set of formal drawings (13 sheets) for filing in the
above-identified U.S. Patent Application.

Respectfully submitted,
JENKINS & WILSON, P.A.

Date: 19 Dec. 2001

By: *Jeffrey L. Wilson*

Jeffrey L. Wilson
Registration No. 36,058

Suite 1400 University Tower
3100 Tower Boulevard
Durham, North Carolina 27707
Telephone: (919) 493-8000
Facsimile: (919) 419-0383

Customer No. Bar Code Label:

1426/3/2 JLW/BJO/pes



25297

PATENT TRADEMARK OFFICE